

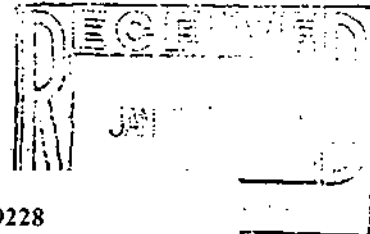
**L A I D L A W**

0714  
Site: Westlake LDF  
ID# MADD79900932  
Book: 11.2  
Other: ALI 2  
1-25-91

St. Louis Co  
Westlake SLF  
Enf file

January 25, 1991

Mr. Robert S. P. Eck  
Regional Administrator  
Department of Natural Resources  
Division of Environmental Quality  
St. Louis Regional Office  
8460 Watson Road Suite 217  
St. Louis, MO 63119



40249228



SUPERFUND RECORDS

Dear Mr. Eck:

Addressed below are Laidlaw's responses to your letter dated December 26, 1990 concerning several topics noted from the December 20, 1990 inspection report for Laidlaw's Bridgeton, Missouri Sanitary Landfill. The landfill is also known as the West Lake Sanitary Landfill. The MDNR permit number for the landfill is 118912.

In response to Recommendation #1, all practical attempts are being made to cover all solid waste around the pond water within the quarry and to remove solid waste in the pond water.

In response to Recommendation #2, Laidlaw has submitted to Ms. Janese Neher of the MDNR's Waste Management Program (WMP) a plan to abandon monitoring wells #1202 and 1203 and install replacement wells. In mid-January, we received approval from the MDNR's WMP for the revisions to the ground water monitoring program.

In response to Recommendation #3, listed below are the actions taken to date and the future actions proposed by Laidlaw to remediate the water and leachate accumulation in the southwest section of the landfill quarry.

ACTION TAKEN TO DATE

1. Purchased 52 acre parcel North and East of and adjacent to the quarry to allow diversion of the surface water away from the quarry and development of the property to reduce infiltration preventing subsurface inflow into the quarry.
2. Constructed a berm, drainage ditch and culvert outside the southeast corner of the landfill and adjacent to Old St. Charles Rock Road. The berms were constructed to divert surface storm water run-off from the unowned farm field East of the quarry and the run-off in the draining ditch on the North side of Old St. Charles Rock Road from entering the quarry.

DNR 0023

DEPARTMENT OF NATURAL RESOURCES  
PAGE TWO

3. Obtained a verbal agreement with the property owner of the cement and asphalt plants west of and adjacent to the quarry for the property owner to fill a small pond west of the quarry suspected of contributing the subsurface inflow of water into the quarry. Property owner began filling the pond prior to suspending his operations on the site for the remainder of the winter. The pond presently is 25% filled.

PROPOSED FUTURE ACTION

4. To complete Item #1 above, we have hired an engineering firm to help us obtain the necessary approvals, permits and zoning to regrade the 52 acre parcel, obtain utilities and improve street access to St. Charles Rock Road to allow for development of the site. We are presently obtaining proposals from architects and contractors to design and build a new landfill office, new landfill access road and other buildings on the parcel. We will submit to you detailed information concerning the proposed new landfill office and access road once preliminary designs are complete and permits appear to be obtainable. The schedule for this item includes expected completion by September for the regrading and year-end for paving and building development.
5. The completion of filling the pond in Item #3 above, is expected to occur by May of 1991. As the property in question is owned by others and their operations will not begin again until spring, the schedule is very tentative.
6. Begin discussions with land owner East of the quarry and North of Old St. Charles Rock Road concerning acquiring an easement or purchasing a strip of land adjacent to the quarry to allow regrading of parcel to improve surface storm water draining. If an agreement can be reached by late spring, the regrading could be completed by late summer if permit acquisition is successful.
7. Begin discussions with property owner West of the quarry to allow construction on his property of diversion berms to divert surface storm water from the two access roads into the quarry to ditches along the access road to Old St. Charles Rock Road. As this property is owned by others, any schedule is very tentative. If an agreement can be reached, construction could be completed by May 1991.

DEPARTMENT OF NATURAL RESOURCES  
PAGE THREE

8. Discuss with the St. Louis Metropolitan Sewer District (MSD) about increasing the present flow rate of leachate into their existing line or locating a second discharge point for leachate disposal. Increased leachate removal from the leachate lagoon will prevent the fixed volume of the leachate lagoon from restricting the rate at which leachate can be removed from the quarry and into the lagoon. This activity is scheduled to begin in late February and be concluded in early April.
9. Evaluate potential leachate treatment systems available which would allow discharge of treated leachate off-site under an NPDES permit. Due to the extensive approval process of such an option, the schedule is unknown. The investigation into potential treatment systems will begin in early February.
10. Evaluate installing a plastic liner atop portions of the quarry to collect precipitation before it comes in contact with the waste and then discharging the collected rainwater off-site without treatment. Extensive approval process anticipated and practicality may be difficult but initial evaluation to begin in March and be completed by April 1990.
11. Evaluate feasibility of recirculating leachate onto existing areas of quarry to increase evaporation of water by increasing surface area. Evaluation to run concurrently with Item #10 above.

We are concerned with the remediation of the water problem at our Bridgeton landfill and welcome your input into the potential solutions. We believe the above actions will correct the problem.

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
PAGE FOUR

If you have any questions or comments please contact our Assistant Regional Engineer, Dennis Wike, at (618) 565-6912, who will be overseeing the evaluations. 456

Sincerely,

*Randy Anderson*

Randy Anderson  
Division Manager

DCW:mg

cc: Scott Schreiber (LWS), John Boonstra (LWS), ✓ Dennis Wike (LWS), Leon Golfin ( St. Louis Cty DOCHMC), Joseph Trunko (MDNR), Janese Neher (MDNR-WMP)

Meeting 4/01/71 w/ MINOR - St. Louis Office

JOE TRANKO, BOB ECK + MIKE STRUCKHUFF - Waste Mgmt.

MIKE

1. EVAPORATION ON ACTIVE TALS WOULD NOT BE A PROBLEM FROM MONR
2. MIGHT BE ABLE TO IRRIGATE EXISTING VEGETATION IF NATURALLY WOULD RUN BACK INTO LANDFILL. PERMITTING PEOPLE ARE WHO WE AGREE TO TALK TO FOR IRRIGATION + EVAPORATION (Tom Grindel or Lee Thirps). LANDFILL T. WEST NOT AS EASY
3. BOB SUGGESTED NEED FOR WRITTEN <sup>Waste Mgmt.</sup> ~~Consent~~ AND READ WATER POLLUTION FOR DATE TO GET OUT.
4. HAVE SEVERAL LANDFILLS PERMITTED TO SPRAY WASTE ON BARROW AREAS + ON TAT BUT NOT MANY DOING IT.
5. CONCERNED ABOUT WHO WERE BEEN SAMPLING + WHO IS GETTING ANALYSIS DATA. MONR. PERMIT SAYS WE NEED TO SEND TWO COPIES TO JOE TRANKO FOR HIS DISTRIBUTION OF POST + FUTURE CORRESPONDENCE.
6. THINKS WE NEED TO PURSUE CUTTING OFF WATER FROM WEST LAKE (STORM WATER)
7. DEAN REVIEWING REGS FOR SOLID WASTE ENFORCEMENT ON POSSIBLY ISSUING NOV START TO SAYING TO ISSUE NOV AFTER DEADLINE DATE. : NOV. 1 TENTATIVE
8. NEED TO GET UP ENFORCEMENT. LEE THIRPS TO TALK ABOUT SETTING UP MEETING FOR APPROVAL
9. ODOORS + BLOW FRESH IN WATER HAVE BEEN REAL PROBLEMS
10. JIM NILLS SUGGESTING TO GET NAME ON MAILING LIST FOR ALL SINKS BILL 530 JEFF CITY UPDATES.
11. COULD DISPOSE OF WASTE IN WATER BUT PROBLEM OF COMPETITION. TALK ABOUT ONCE WE GET 6"-10" OF WATER.
12. OTHER PROBLEM IS SMELL AT LANDFILL (BOB ECK)